

TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/620,726
Filing Date	July 15, 2003
First Named Inventor	Charles L. Gray, Jr.
Art Unit	3618
Examiner Name	
Attorney Docket No.	310121.404

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Declaration	<input type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>):
<input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	_____
<input checked="" type="checkbox"/> Cited References	<input type="checkbox"/> Terminal Disclaimer	_____
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	_____
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s) _____	_____
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	_____

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	34212
Signature			
Printed Name	Lorraine Linford		
Date	July 29, 2005	Reg. No.	35,939

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Signature		
Typed or printed name	Jason Anover	Date: July 29, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

615474



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 29 2005
Date

Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Charles L. Gray, Jr.
Application No. : 10/620,726
Filed : July 15, 2003
For : OPPOSING PUMP/MOTORS

Art Unit : 3618
Docket No. : 310121.404
Date : July 29, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he

is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.


Applicants note that references AP, AR, and AS are not written in English. Unfortunately, English language abstracts are not available.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



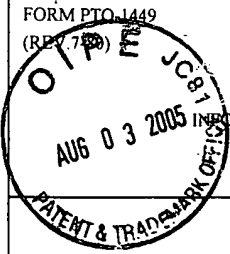
Lorraine Linford
Registration No. 35,939

Enclosures:

Postcard
Form PTO-1449
Cited References (**11**)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

615475

FORM PTO 1449 (REV. 7-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 310121.404	APPLICATION NO. 10/620,726		
				APPLICANT Charles L. Gray, Jr.			
				FILING DATE July 15, 2003		GROUP ART UNIT 3618	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,875,701	03/03/59	Ebert	103	162	
	AB	2,956,407	10/18/60	Grabow	60	53	
	AC	3,081,647	03/19/63	Blenkle	74	710.5	
	AD	3,442,181	05/06/69	Olderaan	92	57	
	AE	3,760,692	09/25/73	Molly	91	505	
	AF	3,900,075	08/19/75	Chichester et al.	180	6.3	
	AG	4,018,052	04/19/77	Laussermair	60	414	
	AH	4,075,843	02/28/78	Leker	60	487	
	AI	4,098,083	07/04/78	Carman	60	414	
	AJ	4,098,144	07/04/78	Besel et al.	74	687	
	AK	4,129,102	12/12/78	van der Lely	123	51 B	
	AL	4,223,532	09/23/80	Shiber	60	414	
	AM	4,252,508	02/24/81	Forster	417	429	
	AN	4,285,303	08/25/81	Leach	123	51 BA	
	AO	4,487,108	12/11/84	McLuen	91	504	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AP	325587	12/31/57	CH			
	AQ	992,334	05/19/65	GB			
	AR	1 528 469	04/29/71	DE			
	AS	2 101 963	07/20/72	DE			
	AT	26 49 127	05/03/78	DE (+ Abstract in English)			
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	AU	Fendt Vario TMS, as Illustrated in the Enclosed Photos and Printed Publications, April 2003.					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 310121.404	APPLICATION NO. 10/620,726
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Charles L. Gray, Jr.	
		FILING DATE July 15, 2003	GROUP ART UNIT 3618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA	4,495,768	01/29/85	Valavaara	60	414	
BB	4,669,267	06/02/87	Greenhow	60	490	
BC	4,747,266	05/31/88	Cadée	60	325	
BD	4,770,084	09/13/88	Miwa et al.	91	501	
BE	4,813,234	03/21/89	Nikolaus	60	484	
BF	4,872,394	10/10/89	Nakagawa et al.	91	506	
BG	4,888,949	12/26/89	Rogers	60	434	
BH	5,403,244	04/04/95	Tankersley et al.	477	20	
BI	5,406,794	04/18/95	Litz	60	483	
BJ	5,435,794	07/25/95	Mori et al.	475	343	
BK	5,495,912	03/05/96	Gray, Jr. et al.	180	165	
BL	5,505,527	04/09/96	Gray, Jr. et al.	303	3	
BM	5,507,144	04/16/96	Gray, Jr. et al.	60	327	
BN	5,549,087	08/27/96	Gray, Jr. et al.	123	254	
BO	5,562,079	10/08/96	Gray, Jr.	123	276	
BP	5,579,640	12/03/96	Gray, Jr. et al.	60	413	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
			YES	NO
BQ	0 417 820 B1	06/21/91	EP	
BR	2001-47287	02/20/01	JP (+ Abstract in English)	
BS	1 092 870 A2	04/18/01	EP	
BT	1 114 948 A2	07/11/01	EP	
BU	WO 01/51870 A1	07/19/01	WIPO	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

BV		
----	--	--

EXAMINER**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 310121.404	APPLICATION NO. 10/620,726
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Charles L. Gray, Jr.	
		FILING DATE July 15, 2003	GROUP ART UNIT 3618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,599,163	02/04/97	Heath et al.	415	55.1	
	CB	5,609,131	03/11/97	Gray, Jr. et al.	123	299	
	CC	5,611,300	03/18/97	Gray, Jr.	123	48 A	
	CD	5,617,823	04/08/97	Gray, Jr. et al.	23	254	
	CE	5,802,851	09/08/98	Krantz	60	487	
	CF	5,827,148	10/27/98	Seto et al.	477	15	
	CG	5,845,732	12/08/98	Taniguchi et al.	180	65.6	
	CH	5,887,674	03/30/99	Gray, Jr.	180	307	
	CI	5,967,927	10/19/99	Imamura et al.	475	83	
	CJ	5,971,092	10/26/99	Walker	180	308	
	CK	6,107,761	08/22/00	Seto et al.	318	139	
	CL	6,170,524	01/09/01	Gray, Jr.	137	625.18	
	CM	6,186,126	02/13/01	Gray, Jr.	123	557	
	CN	6,189,493	02/20/01	Gray, Jr.	123	52.4	
	CO	6,202,416	03/20/01	Gray, Jr.	60	620	
	CP	6,213,727	04/10/01	Kawaguchi	417	222.2	
	CQ	6,216,462	04/17/01	Gray, Jr.	60	616	
	CR	6,260,468	07/17/01	Ryken et al.	91	506	
	CS	6,272,950	08/14/01	Braun et al.	74	731.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CT					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CU	
--	----	--

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 310121.404	APPLICATION NO. 10/620,726		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Charles L. Gray, Jr.			
				FILING DATE July 15, 2003		GROUP ART UNIT 3618	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	6,283,009	09/04/01	Hayashi et al.	92	71	
	DB	6,301,888	10/16/01	Gray, Jr.	60	605.2	
	DC	6,301,891	10/16/01	Gray, Jr.	60	616	
	DD	6,358,174	03/19/02	Folsom et al.	475	72	
	DE	6,375,592	04/23/02	Takahashi et al.	475	262	
	DF	6,415,607	07/09/02	Gray, Jr.	60	616	
	DG	6,499,549	12/31/02	Mizon et al.	180	65.6	
	DH	6,575,872	06/10/03	Gluck et al.	477	68	
	DI	6,626,785	09/30/03	Pollman	475	82	
	DJ	6,628,021	09/30/03	Shinohara et al.	310	68 B	
	DK	2002/0094909	07/18/02	Gluck et al.	477	52	
	DL	2003/0207733	11/06/03	Ishimaru et al.	475	83	
	DM	2004/0011031	01/22/04	Gray, Jr.	60	325	
	DN	2004/0173089	09/09/04	Gray, Jr. et al.	91	505	
	DO	2004/0178635	09/16/04	Gray, Jr.	290	40 C	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	DP						
	DQ						
	DR						
	DS						
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	DT						
	DU						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).							